1/1

FIG. 1

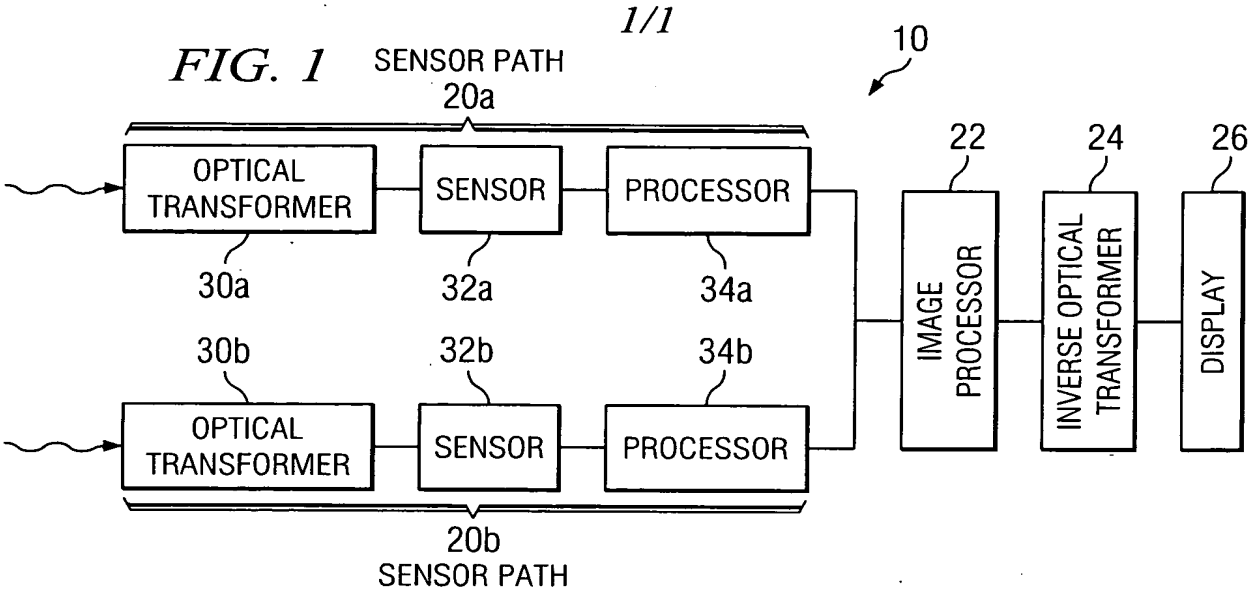
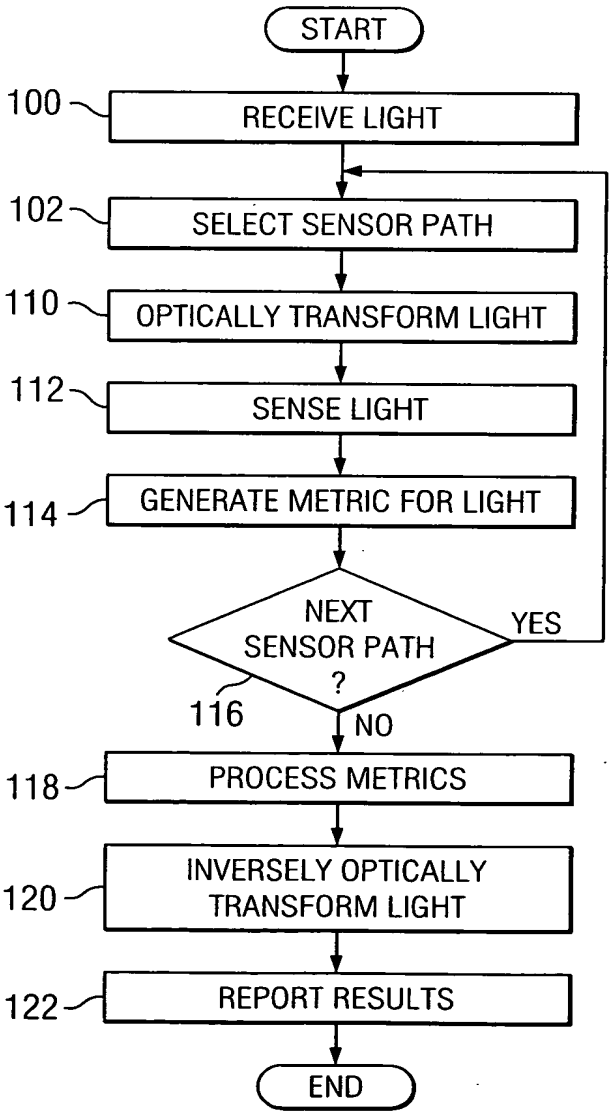

10
SENSOR PATH
20a
OPTICAL TRANSFORMER
SENSOR
PROCESSOR
30a
32a
34a
30b
32b
34b
OPTICAL TRANSFORMER
SENSOR
PROCESSOR
20b
SENSOR PATH
22
IMAGE PROCESSOR
24
INVERSE OPTICAL TRANSFORMER
26
DISPLAY

FIG. 2


START
100
RECEIVE LIGHT
102
SELECT SENSOR PATH
110
OPTICALLY TRANSFORM LIGHT
112
SENSE LIGHT
114
GENERATE METRIC FOR LIGHT
NEXT SENSOR PATH ?
YES
116
NO
118
PROCESS METRICS
120
INVERSELY OPTICALLY TRANSFORM LIGHT
122
REPORT RESULTS
END